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VOLUME III NUMBER 4

OCTOBER, 1900

THE BRYOLOGIST

AN ILLUSTRATED QUARTERLY DEVOTED TO

NORTH AMERICAN MOSSES

EDITORS:

ABEL JOEL GROUT and ANNIE MORRILL SMITH

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THE BRYOLOGIST

VOL. III. OCTOBER, 1900. NO. 4.

THE success of THE BRYOLOGIST and of the Sullivant Moss Chapter has been very largely due to the untiring efforts of Mrs. Smith. It is to be hoped that the members of the Chapter will remember this when they vote. It is needless to say that this is inserted without consulting Mrs. Smith.

***

BEGINNING with the January number, THE BRYOLOGIST will contain sixteen pages. At least two pages will be devoted to the Lichens, under the editorship of Mrs. Carolyn W. Harris. Mrs. Harris is well qualified for this work, and we assure our readers that there is a rare treat in store for them. Some space will also be devoted to the Hepatics, as circumstances warrant.

***

KEEP watch of the different mosses in your locality and record the date of the first appearance of the sporophyte and the date of maturing spores. Be sure to collect specimens to verify your observations. This kind of work can be done by anybody who is willing to take a little pains in observing, and it is work of great scientific value when collected and correlated. Altogether too little work of this kind has been done in the past in any department of botany. There is a regular procession of mosses, as it were. Beginning in early spring one can collect mosses in mature fruit all the year round. Different species of the same genus mature spores at different seasons, and in this way afford as good a means of identifying the species as any structural characters.

***

TO STIMULATE work of this sort, the Editor offers as a prize a century of North American Musci Pleurocarpi and a year's subscription to THE BRYOLOGIST to that subscriber of this journal who shall send him the dates of appearance of sporophyte and of maturing spores of the largest list of mosses. The dates can be given as the first, second, third, or fourth week of the month, or the exact day of collecting can be given. The list must be accompanied by a specimen of species listed, collected on the date given by the person submitting the list. Date of maturing spores will count two points, date of appearance of sporophyte one point. Spores are supposed to be mature when the lid readily separates from the dry capsule. Observations previous to date may be counted if a specimen has been preserved. Specimens should be fully labeled. Contest closes December 1, 1901.